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(54) Title: QUANTITATIVE ASSAY OF THE ANGIOGENIC AND ANTIANGIOGENIC ACTIVITY OF A TEST MOLECULE

(57) Abstract: A method of measuring the angiogenic or antiangiogenic activity of a test molecule comprising (i) utilizing a modified CAM assay to assign an FVD value for a test region of interest and comparing this value to an FVD value for a control region of interest, or (ii) utilizing a modified CAM assay to determine the spectrophotometric absorbance value of a test region of interest and comparing this value to the spectrophotometric absorbance value of a control region of interest, wherein a lower value of the test region of interest as compared to the of the control region of interest is indicative of the test molecule being useful as an inhibitor of angiogenesis, and wherein a higher value of the test region of interest as compared to the value of the control region of interest is indicative of the test molecule being useful as a stimulator of angiogenesis.